

2011 SEG D&P Forum "Opportunities and Challenges in Unconventional Resources "

July 31 - Aug 5, 2011, Beijing, China

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	31-Jul	1-Aug	2-Aug	3-Aug	4-Aug	5-Aug
		Session 1: Unconventional Resources: Challenges and Outlook	Session 3: Rock Physics and Borehole Methods	Session 4: Multicomponent and Anisotropy	Session 5: Geology on Unconventional Resources	Session 7: Special Session
		Chairs: TBD	Chairs: TBD	Chairs: TBD	Chairs: TBD	Chairs: TBD
		Keynote Speakers given 30 minutes to present with 15 minutes for discussion Other Oral Speakers given 15 minutes to present with 15 minutes for discussion	Keynote Speakers given 30 minutes to present with 15 minutes for discussion Other Oral Speakers given 15 minutes to present with 15 minutes for discussion	Keynote Speakers given 30 minutes to present with 15 minutes for discussion Other Oral Speakers given 15 minutes to present with 15 minutes for discussion	Keynote Speakers given 30 minutes to present with 15 minutes for discussion Other Oral Speakers given 15 minutes to present with 15 minutes for discussion	Keynote Speakers given 30 minutes to present with 15 minutes for discussion Other Oral Speakers given 15 minutes to present with 15 minutes for discussion
08:00 - 08:15		Opening Remarks				
08:15-08:30						
8:30- 8:45			Keynote- How Can We Best Develop Unconventional Resources?- Zhiyong Zhao, Hess Corporation	Keynote- Multi-component and AVAZ Technologies for Unconventional Resources Exploration- Xiaogui Miao, CGGVeritas Technology Services	Keynote - Recent Advancement on CBM Geologic Theory in China- Song Yan, RIPED, PetroChina	Keynote- Opportunities and Challenges of the New Geophysics for Hydrocarbon Production, CO2-sequestration, monitoring Radioactive Waste Depositories (RWD) etc.- Stuart Crampin, British Geological Survey
08:45- 9:00		Keynote-The Challenges and Outlook of Unconventional Hydrocarbon Resources Exploration in China- Chengzao Jia, CNPC		Invited- Effects of Anisotropy; Multicomponent data and PP+PS Joint Inversion, Case Examples- Xiang-Yang Li, British Geological Survey	Formation Mechanism and Distribution Prediction Method of Superimposed Tight Sandstone Gas Reservoir- Xiongqi Pang, China U of Petroleum, Beijing	Unconventional Petroleum Exploration Targets for Shale Gas Potential in Nigeria, Olugbenga Ajayi, U of Ibadan
9:00- 9:15		World Conventional and Unconventional Resources Evaluation and Outlook- Sam Zandong Sun and Jian Zhang, China U of Petroleum, Beijing	Impact of Fracture on Ultrasonic Velocity of Coal- Feng Zhou, SINOPEC Geophysical Research Institute	The Impact of Converted Wave Data in Unconventional Reservoir Evaluation- Jacques P. Leveille, ION Geophysical Corporation	Critical Physical Property Condition of Accumulation and its Significance of Two Types of Tight Sand Gas Reservoirs, Zhenxue Jiang, China U of Petroleum, Beijing	How to find the "Sweetpoint" in Tight Sandstone- Da Guan, SINOPEC Geophysical Research Institute
09:15 - 09:30			A Case Study of CBM Crosswell Seismic- Quanshi Guo, SINOPEC Geophysical Research Institute			
9:30- 9:45		Unconventional Resource Plays- An Interpretation Workflow- Sarah G. Stanley, Seismic Microtechnology, Inc				
09:45 - 10:00			Break	Break	Break	Break
10:00 - 10:15		Break				
10:15- 10:30			Poster Session 2- Presentations included in this poster session are found at the bottom of this spreadsheet (beginning at line 52)	Poster Session - Presentations included in this poster session are found at the bottom of this spreadsheet (beginning at line 52)	Poster Session 5- Presentations included in this poster session are found at the bottom of this spreadsheet (beginning at line 52)	Poster Session 7 Presentations included in this poster session are found at the bottom of this spreadsheet (beginning at line 52)
10:30- 10:45		India's Unconventional Resources and Possible Geophysical Techniques for Its Exploration- Rajesh R Nair, IIT Madras	Crosswell Electromagnetics: Technologies for Reservoir Monitoring, Imaging and Characterization- Ping Zhang, Schlumberger		Critical Geological Conditions and Prediction Method of Deep Basin Gas Accumulation-TuHa Basin as an Example- Fujie Jiang, China U of Petroleum, Beijing	Methods and Applications in Prospecting for Tight Gas Sand- Yijun Zhou, BGP of CNPC
10:45 - 11:00				Seismic Fracture Characterization- Enru Liu, ExxonMobil Upstream Research Co.		

		Invited- Digital Rock Physics for Shale Characterization and Properties- Amos Nur, Stanford U and Ingrain Inc.				
11:00- 11:15				Study of Deiation Process when Drilling Anisotropic Rock- Yousif Altahir Ahmed and Abdelwahab Mohammed, China U of Petroleum, Beijing	Formation Mechanism of the Largest Heavy Oilfield, Liaohe West Depression, Bohai Bay Basin, China- Sumei Li, China U of Petroleum, Beijing	Numerical Experiments of Gas Injection for BCM Oepnhole Cavity Completion- Xiaoyi Li- MOE Key Laboratory of Petroleum Engineering
11:15 - 11:30		The Exploration and Production Practice and Technologies of CBM Co. LTD., CNPC- Shengming Wen, Petrochina Coalbed Methane Co. Ltd.	Crosswell Seismic: An Emerging Technology for Unconventional Resource Exploitation- Ajay Nalnnil, Schlumberger			
11:30- 11:45			Heavy oil: Geologic issues, characterization, monitoring and production technology- Sam Zandong Sun, Haigang Wang, Xi Xiao, Yu Tao, China U Petroleum, Beijing		The Geological Conditions and Exploration Potential of Shale Gas in China- Shujing Bao, The Pepris of SINOPEC	The Numerical Simulation of CBM Vertical Production Considering the Gas Diffusion in the Fracture- Huanyu Xia, MOE Key Laboratory of Petroleum Engineering
11:45- 12:00				Lunch		
12:00- 14:00		Lunch	Lunch		Lunch	Lunch
		Session 2: Integration and Roles of Geophysics	Session 4: Miroseismic for Unconventional Resources			
		chairs: TBD	chairs: TBD		Session 6: Reservoir Characterization	End of SEG D&P Forum
					chairs: TBD	
14:00 - 14:15						
14:15- 14:30		Keynote-Integration: A Key Factor for Success in Unconvntional Gas- David Khemakhem, Exxonmobil Upstream Research Co.	Keynote- Integrated Microseismicity and Seismic Reservoir Characterization- Shawn Maxwell, Schlumberger		Keynote- The Characteristics of Spectral Variations for Predicting CBM Distribution- Yanghua Wang, Centre for Reservoir Geophysics, Imperial College London	
14:30- 14:45						
14:45- 15:00		Invited- Geophysics for Unconventional Resources: Challenges and Opportunities- Alex Martinez, ExxonMobil Upstream Research Co.	Going Unconventional in China Highlights the Need for Microseismic- Wang Shan, Schlumberger		Seismic Studies for Gas Hydrate Characterization in Marine Case- Sam Zandong Sun, Lifeng Liu, and Zhiyuan Tang, China U of Petroleum, Beijing	
15:00- 15:15	Check-in					
15:15- 15:30		Integrating the Surface Seismic Method into Exploration for Unconventional Resources- Mark S. Egan, WesternGeco/Schlumberger	Successful Microseismic, A Guide to Survey Design and Evaluation of Hydraulic Fracture Monitoring- Les Bennett, Schlumberger			
15:30- 15:45					Seismic Characterization of Gas Hydrates- Sanjeev Rajput, CISIRO	
15:45- 16:00		Break			Break	
16:00 - 16:15		Poster Session 1- Presentations included in this poster session are listed at the bottom of this spreadsheet (beginning at line 52)	Invited- Microseismic: How does it work? - Evengy Chesnokov, U of Houston		Poster Session 6 Presentations included in this poster session are listed at the bottom of this spreadsheet (beginning at line 52)	
16:15- 16:30			Break			
16:30- 16:45		Potential Geophysical and Engineering Technologies or Tools Assessing Dynamic Changes in Reservoirs, Faults, and Seal Propoerties- Muhammad Jahangir Khan, Bahria U, Karachi Campus	Poster Session 3 Presentations included in this poster session are listed at the bottom of this spreadsheet (beginning at line 52)		Application of Seismic Inversion and Attribute Analysis in Coal Reservoir Prediction- Jia Wei, SINOPEC Geophysical Research Institute	
16:45 - 17:00						
17:00- 17:15		Key Geological and Engineering Controls on Shale Gas Producibility: Insights from Fayetteville Field Study using Reservoir Simulations- Yitian Xiao, Exxonmobil Upstream Research Co.				
17:15- 17:30			Application of Relocation Methods from Borehole Arraysto Microseismicity Induced by Hydraulic Fracturing- Li Fei, BGP of CNPC		Application of Seismic Techniques in Shale Gas Identification- Zhentao Sun, SINOPEC Geophysical Research Institute	

			Seismic shear-wave splitting (SWS) shows that all in situ rocks verge on fracturing and are a <i>New Geophysics</i> of critical-systems which imposes fundamentally new properties on conventional subcritical geophysics- Stuart Crampin, British Geological Survey				
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